

RAW SEQUENCE LISTING

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Application Serial Number: 101626,477A
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PATENT APPLICATION: US/10/626,477A

DATE: 12/08/2004

TIME: 16:37:56

Input Set : D:\56446-20081.00 - SEQ (client revised).txt
 Output Set: N:\CRF4\12072004\J626477A.raw

3 <110> APPLICANT: Keller, Martin
 4 Zengler, Karsten
 6 <120> TITLE OF INVENTION: High Throughput or Capillary-Based Screening for a
 Bioactivity or
 8 <130> FILE REFERENCE: 564462008100
 10 <140> CURRENT APPLICATION NUMBER: 10/626,477A
 11 <141> CURRENT FILING DATE: 2003-07-23
 13 <150> PRIOR APPLICATION NUMBER: 10/145,281
 14 <151> PRIOR FILING DATE: 2002-05-13
 16 <150> PRIOR APPLICATION NUMBER: 09/685,432
 17 <151> PRIOR FILING DATE: 2000-10-10
 19 <150> PRIOR APPLICATION NUMBER: 09/444,112
 20 <151> PRIOR FILING DATE: 1999-11-22
 22 <150> PRIOR APPLICATION NUMBER: 09/098,206
 23 <151> PRIOR FILING DATE: 1998-06-16
 25 <150> PRIOR APPLICATION NUMBER: 08/876,276
 26 <151> PRIOR FILING DATE: 1997-06-16
 28 <160> NUMBER OF SEQ ID NOS: 9
 30 <170> SOFTWARE: PatentIn version 3.2
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 20
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: forward primer (27F)
 40 <400> SEQUENCE: 1
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 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 19
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: reverse primer (1492R)
 52 <400> SEQUENCE: 2
 53 ggttaccttg ttacgactt 19
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 24
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: vector specific primer (CA98)
 64 <400> SEQUENCE: 3
 65 acttccggct cgtatattgt gtgg 24
 68 <210> SEQ ID NO: 4

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69 <211> LENGTH: 25
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Artificial Sequence
 73 <220> FEATURE:
 74 <223> OTHER INFORMATION: vector specific primer (CA103)
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 80 <210> SEQ ID NO: 5
 81 <211> LENGTH: 132
 82 <212> TYPE: PRT
 83 <213> ORGANISM: Unknown
 85 <220> FEATURE:
 86 <223> OTHER INFORMATION: environmental sample
 88 <400> SEQUENCE: 5
 90 Leu Ser Thr Gly Cys Thr Ser Gly Leu Asp Ser Val Gly Tyr Ala Val
 91 1 5 10 15
 94 Gln Leu Ile Arg Glu Gly Ser Ala Asp Val Val Ile Ala Gly Ala Ala
 95 20 25 30
 98 Asp Thr Pro Val Ser Pro Ile Val Val Ala Cys Phe Asp Ala Ile Lys
 99 35 40 45
 102 Ala Thr Thr Pro Arg Asn Asp Asp Pro Glu His Ala Ser Arg Pro Phe
 103 50 55 60
 106 Asp Gly Thr Arg Asn Gly Phe Val Leu Ala Glu Gly Ala Ala Met Phe
 107 65 70 75 80
 110 Val Leu Glu Glu Tyr Glu Ala Ala Lys Arg Arg Gly Ala His Ile Tyr
 111 85 90 95
 114 Ala Glu Val Gly Gly Tyr Ala Thr Arg Cys Asn Ala Tyr His Met Thr
 115 100 105 110
 118 Gly Leu Lys Lys Asp Gly Arg Glu Met Ala Glu Ala Ile Arg Ala Ala
 119 115 120 125
 122 Leu Asp Glu Ala
 123 130
 126 <210> SEQ ID NO: 6
 127 <211> LENGTH: 132
 128 <212> TYPE: PRT
 129 <213> ORGANISM: S. cyaneus
 131 <400> SEQUENCE: 6
 133 Val Ser Thr Gly Cys Thr Ser Gly Leu Asp Ala Val Gly Tyr Ala Phe
 134 1 5 10 15
 137 His Thr Ile Glu Glu Gly Arg Ala Asp Val Cys Ile Ala Gly Ala Ser
 138 20 25 30
 141 Asp Ser Pro Ile Ser Pro Ile Thr Met Ala Cys Phe Asp Ala Ile Lys
 142 35 40 45
 145 Ala Thr Ser Pro Asn Asn Asp Asp Pro Glu His Ala Ser Arg Pro Phe
 146 50 55 60
 149 Asp Ala His Arg Asp Gly Phe Val Met Gly Glu Gly Ala Ala Val Leu
 150 65 70 75 80
 153 Val Leu Glu Glu Leu Glu His Ala Arg Ala Arg Gly Ala His Val Tyr
 154 85 90 95

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157 Cys Glu Ile Gly Gly Tyr Ala Thr Phe Gly Asn Ala Tyr His Met Thr
158 100 105 110
161 Gly Leu Thr Ser Glu Gly Leu Glu Met Ala Arg Ala Ile Asp Val Ala
162 115 120 125
165 Leu Asp His Ala
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169 <210> SEQ ID NO: 7
170 <211> LENGTH: 132
171 <212> TYPE: PRT
172 <213> ORGANISM: S. halstedii
174 <400> SEQUENCE: 7
176 Val Ser Thr Gly Cys Thr Ser Gly Leu Asp Ala Val Gly Tyr Ala Tyr
177 1 5 10 15
180 His Ala Ile Ala Glu Gly Arg Ala Asp Val Cys Leu Ala Gly Ala Ser
181 20 25 30
184 Asp Ser Pro Ile Ser Pro Ile Thr Met Ala Cys Phe Asp Ala Ile Lys
185 35 40 45
188 Ala Thr Ser Pro Ser Asn Asp Asp Pro Glu His Ala Ser Arg Pro Phe
189 50 55 60
192 Asp Ala Arg Arg Asn Gly Phe Val Met Gly Glu Gly Ala Val Leu
193 65 70 75 80
196 Val Leu Glu Glu Leu Glu His Ala Arg Ala Arg Gly Ala Asp Val Tyr
197 85 90 95
200 Cys Glu Leu Ala Gly Tyr Ala Thr Phe Gly Asn Ala His His Met Thr
201 100 105 110
204 Gly Leu Thr Arg Glu Gly Leu Glu Met Ala Arg Ala Ile Asp Thr Ala
205 115 120 125
208 Leu Asp Met Ala
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212 <210> SEQ ID NO: 8
213 <211> LENGTH: 132
214 <212> TYPE: PRT
215 <213> ORGANISM: S. peucetius
217 <400> SEQUENCE: 8
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220 1 5 10 15
223 Glu Leu Ile Arg Glu Gly Thr Val Asp Ala Met Val Ala Gly Val
224 20 25 30
227 Asp Ala Pro Ile Ala Pro Ile Thr Val Ala Cys Phe Asp Ala Ile Arg
228 35 40 45
231 Ala Thr Ser Asp His Asn Asp Thr Pro Glu Thr Ala Ser Arg Pro Phe
232 50 55 60
235 Ser Arg Ser Arg Asn Gly Phe Val Leu Gly Glu Gly Ala Ile Val
236 65 70 75 80
239 Val Leu Glu Glu Ala Glu Ala Ala Val Arg Arg Gly Ala Arg Ile Tyr
240 85 90 95
243 Ala Glu Ile Gly Gly Tyr Ala Ser Arg Gly Asn Ala Tyr His Met Thr
244 100 105 110
247 Gly Leu Arg Ala Asp Gly Ala Glu Met Ala Ala Ala Ile Thr Ala Ala

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256	<211> LENGTH: 132		
257	<212> TYPE: PRT		
258	<213> ORGANISM: E. coli		
260	<400> SEQUENCE: 9		
262	Ile Ala Thr Ala Cys Thr Ser Gly Val His Asn Ile Gly His Ala Ala		
263	1 5 10 15		
266	Arg Ile Ile Ala Tyr Gly Asp Ala Asp Val Met Val Ala Gly Gly Ala		
267	20 25 30		
270	Glu Lys Ala Ser Thr Pro Leu Gly Val Gly Gly Phe Gly Ala Ala Arg		
271	35 40 45		
274	Ala Leu Ser Thr Arg Asn Asp Asn Pro Gln Ala Ala Ser Arg Pro Trp		
275	50 55 60		
278	Asp Lys Glu Arg Asp Gly Phe Val Leu Gly Asp Gly Ala Gly Met Leu		
279	65 70 75 80		
282	Val Leu Glu Glu Tyr Glu His Ala Lys Lys Arg Gly Ala Lys Ile Tyr		
283	85 90 95		
286	Ala Glu Leu Val Gly Phe Gly Met Ser Ser Asp Ala Tyr His Met Thr		
287	100 105 110		
290	Ser Pro Pro Glu Asn Gly Ala Gly Ala Ala Leu Ala Met Ala Asn Ala		
291	115 120 125		
294	Leu Arg Asp Ala		
295	130		

VERIFICATION SUMMARY

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